

CONFIGURATION MIGRATION TOOL

FortiConverter Release Notes

VERSION 5.3.0

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Tuesday, July 25, 2017

FortiConverter 5.3.0 Release Notes

1st Edition

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Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter 5.3.0, build 0272.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks, McAfee and Alcatel-Lucent Brick configurations. It also supports the conversion of FortiOS to a different FortiOS version.

A trial version is available, which provides full functionality for Fortigate-to-Fortigate tasks. For all other conversions, you can complete a conversion and view the results in the tuning page. All other functionality is disabled until you upload the full license. In most cases, this limited functionality is sufficient to allow you to evaluate the product.

SKU	Description
FC-10-CON01-401-01-12	1-year multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.
FC-10-CON01-401-02-12	1-year renewal multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.



If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

What's new

This release contains following new features and enhancements.

- FortiConverter now includes explicit support for route-based IPsec for Cisco PIX, ASA, FWSM, and Check Point conversions. When enabled, all IPsec configurations are converted to route-based IPsec.
- FortiConverter now supports migrations to FortiOS 5.6.
- FortiConverter now features additional support for Check Point Traditional Mode IPsec.
- FortiConverter now supports McAfee Sidewinder version 8.

System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Microsoft Windows 10
- Microsoft Windows 8 (32-bit or 64-bit)
- Microsoft Windows 7 (32-bit or 64-bit)
- Microsoft Windows Server 2008 (32-bit or 64-bit)

Supported versions and conversions

Unless noted as an exception below, conversions only support IPv4 unicast policy.

Vendor	Models	Versions	Convertible objects
Alcatel-Lucent	Brick	ALSMS v9.x	Addresses & Address Books Interfaces (physical, logical, loopback, PPPoE) Partitions Services & Service Books Static routes Zone rule set
Check Point	SmartCenter	NG FP1 (4.0) to NGX R77	Addresses & Address Groups Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT (Automatic & Rule) Negate Cell Policies (rulebases.fws) RADIUS, TACACS+, & LDAP
	Provider-1	NGX R65 to R77	Rules Schedules Services & Service Groups Static routes VPN (IPSec)
Cisco	PIX ASA FWSM	4.x to pre-8.3, 8.3 and later, 9.x	ACLs Addresses & Address Groups DHCP Servers DNS Servers
	IOS	10.x to 12.x 15.x	Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups NAT (including Object NAT and Double NAT) RADIUS, TACACS+, & LDAP Services & Service Groups Static Routes Time Ranges VPN (IPSec, PPTP/L2TP, EZVPN)
	IOS XR	4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies
	Nexus	5.2, 6.x, 7.x	Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Juniper	SSG/ISG	ScreenOS 5.x, 6.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) Static Routes Services & Service Groups Policies VIPs/MIPs NAT IP Pools VPN (IPSec, PPTP/L2TP) Local Users & Groups RADIUS & LDAP Zones
	SRX	Junos OS 10.x to 12.x	Addresses & Address Groups & FQDNs DHCP Servers & Client & Relay Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups NAT Policies RADIUS & LDAP Services & Service Groups Static Routes VIPs/MIPs VPN (IPSec, PPTP/L2TP) Zones
	MX	Junos OS 10.x to 12.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes
McAfee	Sidewinder	7.x, 8.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Palo Alto Networks	PA	PAN-OS 1.x to 6.x	Addresses & Address Groups & FQDNs Interfaces Local Users & Groups NAT (partial) Policies Schedules Static Routes Services & Service Groups Zones
SonicWall	NSA Series	SonicOS Enhanced 5.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT Policies Schedules Services & Service Groups Static Routes Zones

Exceptions:

- Check Point to FGT conversion can support IPv4 multicast policy.
- Check Point, Cisco (IOS-XR only) and Juniper (Junos only) to FGT conversion can support IPv6 unicast policy.

Upgrading

The FortiConverter installation process creates a desktop shortcut you can use to open the product.

If you installed a version earlier than 5.0 and install version 5.0 or later, the FortiConverter installer does not replace the old shortcut icon with the new icon used for version 5.0 or later. (This does not affect FortiConverter functionality in any way.)

To change to the new desktop icon, before you install the later version, either uninstall the earlier version of FortiConverter or delete the desktop icon.

Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please email FortiConverter support at forticonverter@fortinet.com.

Resolved issues

Bug ID	Description
424507	Juniper Junos SRX static routes occasionally do not convert.
411141	Check Point conversion creates an IP-Pool with 0.0.0.0.
392920	FortiConverter uses Internet-Locator-Service instead of LDAP.
434259	Objects referenced in a Central NAT policy can be removed.
434267	FortiConverter does not take version 5.4 behavior into account for VIP/DNAT.
434338	Juniper Junos (SRX) IPsec VPN interface and static route issues
440209	FortiConverter will occasionally crash if given a large number of ACLs.
438402	Juniper NAT to FortiOS 5.4 conversion occasionally fails.
434421	FortiConverter is unable to convert ASA 8.4.(5) style static-NAT.
439331	Check Point Central NAT and route issues
415406	SSG (ScreenOS) to FortiOS version 5.2 conversion results in a MIP source NAT conversion error.
424506	Cisco ASA to FortiGate conversion NAT merge issues.
420176	NAT tuning fails if the given key is not located in the dictionary.
411138	FortiConverter bypasses rules with action set to "Encrypt" during Check Point VPN configuration.
417976	Cisco ASA object NAT conversion issue
409277	FortiConverter does not support McAfee Sidewinder version 8 conversion.
413290	FortiConverter does not process Check Point R656 configuration.
413730	ASA to Fortinet conversion support
413729	Check Point P-1 to FortiManager policy importation support

Bug ID	Description
413728	FortiConverter always converts IPSec VPN tunnels from other vendors to "Policy Based" on FortiGate.
413725	Juniper SSG conversion is missing "config system admin" data.
410707	FortiConverter creates static NATs for NAT exempt rules.
408283	FortiConverter occasionally has issues with the Check Point to FortiGate conversion.
409480	Cisco ASA version 8.4 NAT merge issue
409479	Cisco FWSM to FortiGate conversion issue
406166	FortiConverter converts all objects to VIPs in central NAT configuration.
406170	Check Point to FortiOS version 5.4 NAT conversion issue
399514	Cisco IOS version 12.2 SXF9 to FortiGate conversion issue
388552	Netscreen conversion issues
391439	Some members are unconverted during Cisco ASA 8.2 conversion.
377705	Some service objects for ScreenOS conversion are undefined.
382592	Cisco ASA 9.x NAT merge issues
393523	McAfee to FortiGate conversion includes some undefined objects that cannot be converted.
383325	Palo Alto Networks conversion issues
394832	Juniper SSG to FortiGate conversion issues
402072	FortiConverter does not support "permit" subclauses for Juniper Junos (SRX) conversions.
405364	FortiConverter does not allow for the utilization of service objects within the VIP object.
415710	SRX configuration conversions occasionally cause FortiConverter to crash.
407864	Abnormal heading lines in target configuration files will occasionally causes errors during conversion.
401592	FortiConverter does not convert files in an unsupported file format.
407429	Converting Check Point firewall rules with long comments will result in an error.
389195	FortiConverter cannot import service objects in a specific order.

Bug ID	Description
403892	FortiConverter uses the object name "h-" when an object group has the same name as an interface.
378264	ScreenOS configuration conversion output issue

Known issues

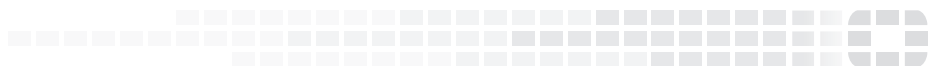
The issues listed below do not include every known bug. For inquiries about a particular bug, please email FortiConverter support at forticonverter@fortinet.com.

Known issues

Bug ID	Description
303518	Some Cisco PIX Network Address Translation (NAT) issues remain.
394353	Some NAT statements are not supported for Cisco PIX.
407856	FortiConverter occasionally has issues converting between different versions of FortiOS.
423130	FortiConverter incorrectly parses Juniper SRX security zones.
413727	FortiConverter occasionally has trouble converting between Fortigate 100D and 200D.
406777	FortiGate to FortiGate migration causes issues in specific scenarios.
400963	FortiConverter will not enable NAT if the destination has "negate" enabled.
377624	FortiConverter software update feature cannot use existing HTTP proxy settings.
378062	FortiConverter license activation behind Web Proxy with Authentication
435526	FortiConverter does not convert BGP routes for Junos SRX OS.



High Performance Network Security



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